

# REPLACEMENT SHEET

htIR1 1	MLCTARVIGTQILISCOAFACHSTFQ	SDHTEPGDVHAGIPIPI	HSGCLOVRIR	HTVTIDRSCSMEHGHFHOMRLQVEEFNNSTALLPNTITIGVIMDVCSDD	SANVYATIRVI	119		
rtIR1 1	MLFWHILUSIQ	VYQAFSCORTFQ	HGDCLOVRIR	HTVTSORPDSQNGHGHFHOMRTHVEENNSALLPNTITIGVIMDVCSDD	SANVYATIRVI	118		
htIR2 1	MGPAKTKCSIFF	ELIVLAF	AE	NSDFLPEDYHGGFEST	HAMKGVHNFLOVQCK	EYEVKVG	115	
rtIR2 1	MGPAKTKCSIFF	ELIVLAF	AE	NSDFLPEDYHGGFEST	HAMKGVHNFLOVQCK	EYEVKVG	118	
htIR3 1	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	117	
rtIR3 1	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	MLCPAMFETISWAIHPGTGALQIS	117	
mGLuR1 1	MYRLLIFFPMIEMSI	PRMPDRKVLAGASSORVARMEDVIT	CALESFVHOPEKVE	RMCG	EIREQIGIORVAMEHTLDRADPVLNTEHTESEIRDSQWHSVALDQSTIEI	123		
htIR1 120	SLFQ	QHHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236	
rtIR1 119	ALQ	PHHTEIQCLLHVSQ	KVAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	235	
htIR2 116	AHE	DNILHIOHDSNYS	RVAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	231	
rtIR2 119	AOD	DNILHIOHDSNYS	RVAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	235	
htIR3 118	AKHG	SRJIAAYCNVIOVCH	RVAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	234	
rtIR3 118	AKHG	SRJIAAYCNVIOVCH	RVAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	234	
mGLuR1 124	RDSLISIRDEKQ	GNRCLPDGQTLH	GRTKKPIAQ	IGHRESSVAIQ	ONLLOLIDEPQJASISILUSDT	ILYKTEIRVWPSDITQARALDDIVKRYNNTVSVAVHTEG	YFESMDIAHKEIAHOF	252
htIR1 237	TCIAHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236		
rtIR1 236	TCIAHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236		
htIR2 232	TCIAHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236		
rtIR2 236	TCIAHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236		
htIR3 235	TCIAHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236		
rtIR3 235	TCIAHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236		
mGLuR1 253	TCIAHTEIQCLLHVSQ	TVLAVIGPDSINRATTALIS	SHFTEVMSVASSSETIS	VKROPSERTIRNKYOVHTWILQKFGH	WISLVSSDDYGOIQVORLENOITGO	236		
htIR1 355	SWQSSVQIQHFEQOAFMAHTMPKIKAFS	NSSAANVAVAVAVAHGILHILQGA	SCAQR	GRVYYPWOLLEQ	HKHUEHL	THKUTVAFNDNRPLSSNTTIANIN	GRKW	466
rtIR1 354	SWQSSVQIQHFEQOAFMAHTMPKIKAFS	NSSAANVAVAVAVAHGILHILQGA	SCAQR	GRVYYPWOLLEQ	HKHUEHL	THKUTVAFNDNRPLSSNTTIANIN	GRKW	465
htIR2 356	YTO	NOEDQCHAFISFNTIILISG	ERAVISWAVAVAHGILHILQGA	KSTQTK	RVAVYYPWOLLEQ	HKHUEHL	THKUTVAFNDNRPLSSNTTIANIN	465
rtIR2 360	YTO	NOEDQCHAFISFNTIILISG	ERAVISWAVAVAHGILHILQGA	KSTQTK	RVAVYYPWOLLEQ	HKHUEHL	THKUTVAFNDNRPLSSNTTIANIN	469
htIR3 356	EREQGLEEDVGRQPODCITIQVVSAGIN	HHOTESWAVAVAVAHGILHILQGA	SCAQR	GRVYYPWOLLEQ	HKHUEHL	THKUTVAFNDNRPLSSNTTIANIN	GRKW	471
rtIR3 355	AELDEERVMPGRSQDYIMIQNLSSGLMONLSAGOLHIC	IFATVAVAVAHGILHILQGA	SCAQR	GRVYYPWOLLEQ	HKHUEHL	THKUTVAFNDNRPLSSNTTIANIN	GRKW	478
mGLuR1 374	HR	FQRLPCHLISN	NEKKVCTGNE	DEENYVQ	ISNMGVITVAVAVAHGILHILQGA	SCAQR	GRVYYPWOLLEQ	497

TO FIG. 1B  
FIG. 1A

# REPLACEMENT SHEET

FROM FIG. 1A

htIR1	467	GSSTWSPQININETKIQWCKINOVHKSVCSSIGIEHQH	-VWGEHCCCEFCVPCQAGHTEN	-KSLYLICOPCKKEEVAPEASCTCPERTV	FEALHHTSNVHAPANTLLEHLLGTAGHAAVLDI	594
rTIR1	466	GSASIPVHIIJNKIKIQWCHANNOPVSVOTTIGIEGHH	-VWVGSHCCEFCVPCQAGHTEN	-MSELHICOPCKTEEVAKESCTCPERTV	FEALWHEHISLVITPAANTLLEHLLVGTAGHAAVHHI	593
htIR2	466	ASYPIQROIKN-IQLJSHWTVNNTIHSKSKRCGSGKK	-KXVGLHCCGERQIDOLGFFEN	HTEHDEYCCQAPNNEWYQSLSCHKROLVFEIWHHAFT	FEIWAHAAFTLAVAJAAAGFUSTEA	593
rTIR2	470	ASYPTSXRLTY-INNVSWYHNNITVPVSHCSKSGOFGMK	-KSVGLHCCGERQIDOLGFFEN	HSRDEHNLSCPSMWSYKNDITCQRRPTFEIWHHVHT	FEIWAHAAFTLAVAJAAAGFUSTEA	597
htIR3	472	GFEN-GSLRTER--IKJHHTSINQDPVSHCSRCGCGQV	-FVKGHSCQYICVDGAGQVRO	-NEHDIATIGCQIENSPHSTICGRRRSRELANDEH	FEIWAHAAFTLAVAJAAAGFUSTEA	596
rTIR3	479	GTFN-GTIOLOH--SMVHGG--NOVPVSCRCQCKGGV	-FVKGHSCQYICVDGAGQVRO	-NEHDIATIGCQIENSPHSTICGRRRSRELANDEH	FEIWAHAAFTLAVAJAAAGFUSTEA	601
mGlur1	498	GTWH--EGVUNJDDYKIQMNK--SGMVRSVCSGEHGGK	GVIVIRKGEVSCCMWCTAQCKENEBVO--	DEFHQRADQDLGWPNAELJGQHHIHYRTEENSDIES	IAIAFESQGLIIVTIEFVTLFEVLYRDI	620
htIR1	595	PWRSAGGHCPEFMIGSIAAGSGLYQVHDEPTRPACLR	QALHAIQFTIHSOLTVRSFOLITPKFSIVAFTHA	WVONHGGHGFWM-ISSAAQIITQITAEVWVTHIFA	REYORRHIMVAFCTE	722
rTIR1	594	PWRSAGGHCPEFMIGSIAAGSGLYQVHDEPTRPACLR	QALHAIQFTIHSOLTVRSFOLITPKFSIVAFTHA	WVONHGGHGFWM-ISSAAQIITQITAEVWVTHIFA	REYORRHIMVAFCTE	721
htIR2	594	PWRSAGGHCPEFMIGSIAAGSGLYQVHDEPTRPACLR	QALHAIQFTIHSOLTVRSFOLITPKFSIVAFTHA	WVONHGGHGFWM-ISSAAQIITQITAEVWVTHIFA	REYORRHIMVAFCTE	722
rTIR2	598	PWRSAGGHCPEFMIGSIAAGSGLYQVHDEPTRPACLR	QALHAIQFTIHSOLTVRSFOLITPKFSIVAFTHA	WVONHGGHGFWM-ISSAAQIITQITAEVWVTHIFA	REYORRHIMVAFCTE	726
htIR3	597	HTVOSGGHACRQIVQICVLSVLIHHCQSPARCIQCP	TSHPITCOLSTILOAAHIFVESELPLSWADRI	SCIRGFWHVL-LAMIVEALQITVIAVAPHEV	-TDMHMIPIHIALVHIRT	724
rTIR3	602	HTVOSGGHACRQIVQICVLSVLIHHCQSPARCIQCP	TSHPITCOLSTILOAAHIFVESELPLSWADRI	SCIRGFWHVL-LAMIVEALQITVIAVAPHEV	-TDMHMIPIHIALVHIRT	729
mGlur1	621	PVMSSSRRLQYIILHAGLEHGVCPFTLJANEITTSQ	LGFLIVGLISSANQVSAIVTKNTHARTJAGSMK	KICTRKPRPWSAMACVILIASILISVQITAVVLI	IMPEHMI-LSEHSIK-EVMIQNT	748
htIR1	723	TSISGHTLAFELNGLISISAFACSYIGKQDEHENV	NEARQVTFESILHFAISWTEHRTTASVIGQAL	UPANWNAQISSISSGFCGVEIPKGVHICH	FEHNSIFHOASTQITPRCGST	841
rTIR1	722	VNSGGLLEFTHIIHISLSITVCSLIGKKEHENV	NEARQVTFESILHFAISWTEHRTTASVIGQAL	UPANWNAQISSISSGFCGVEIPKGVHICH	FEHNSIFHOASTQITPRCGST	840
htIR2	723	NYRNSHFWTSLDIHSVVGSHAWGKEHTNYNEAR	HTSNYPETSSVSIGCTENSAAGVITVLDIIVT	INLITATISIGVHCPCGM	FEIYPERVTPAFNSMIOGYMRD	839
rTIR2	727	NYRNGHJFNTSMDLISVIGSHAWGKEHTNYNEAR	HTSNYPETSSVSIGCTENSAAGVITVLDIIVT	INLITATISIGVHCPCGM	FEIYPERVTPAFNSMIOGYMRD	843
htIR3	725	RSWISGCHHATATIAHICIGTPIVRSQCHYVNR	CDITENMAYFTWISVEVLLANQVUPANQCH	ILICVIGHIAAFHIFGCLLMRQCHLANT	FEHFLGGGCHDAQGQNDGN-TGNQCKHE	852
rTIR3	730	RSWISGCHHATATIAHICIGTPIVRSQCHYVNR	CDITENMAYFTWISVEVLLANQVUPANQCH	ILICVIGHIAAFHIFGCLLMRQCHLANT	FEHFLGGGCHDAQGQNDGN-TGNQCKHE	858
mGlur1	749	SN-LQVAVPVGNGHILNSQTYAHTNRNVHANEAR	QIAHNTYTQILHJAEVHIFGNS--KLTITTC	HAVSISVTVAGCMTFPAHYITJAKPER	-----	845

FIG. 1B

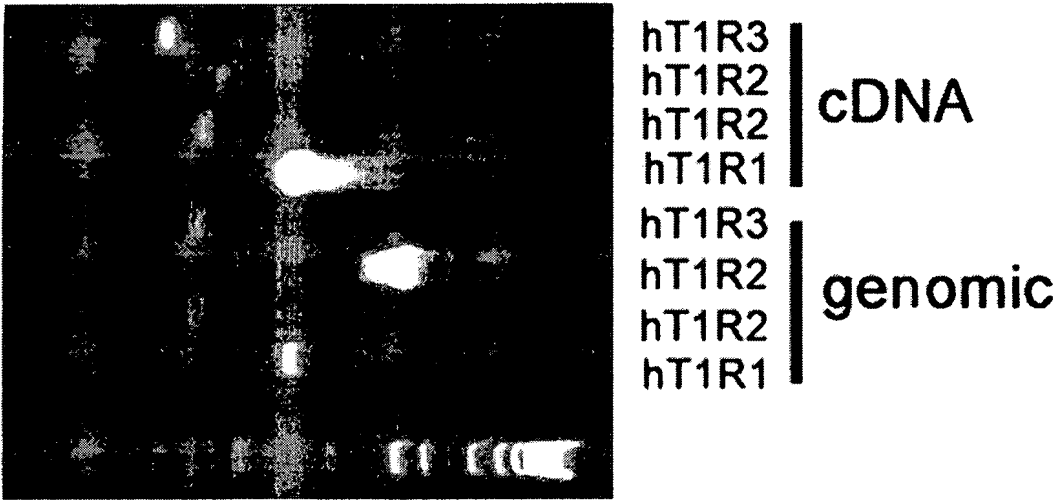


FIG. 2

REPLACEMENT SHEET

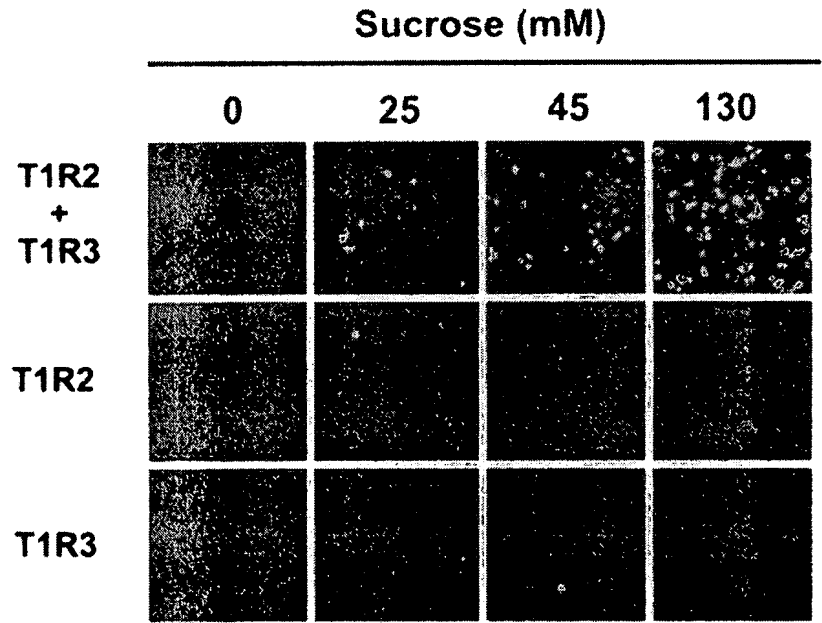


FIG. 3A

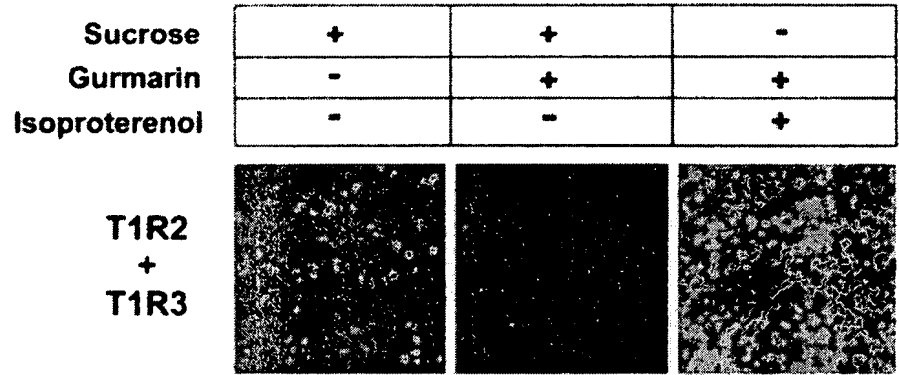


FIG. 3B

REPLACEMENT SHEET

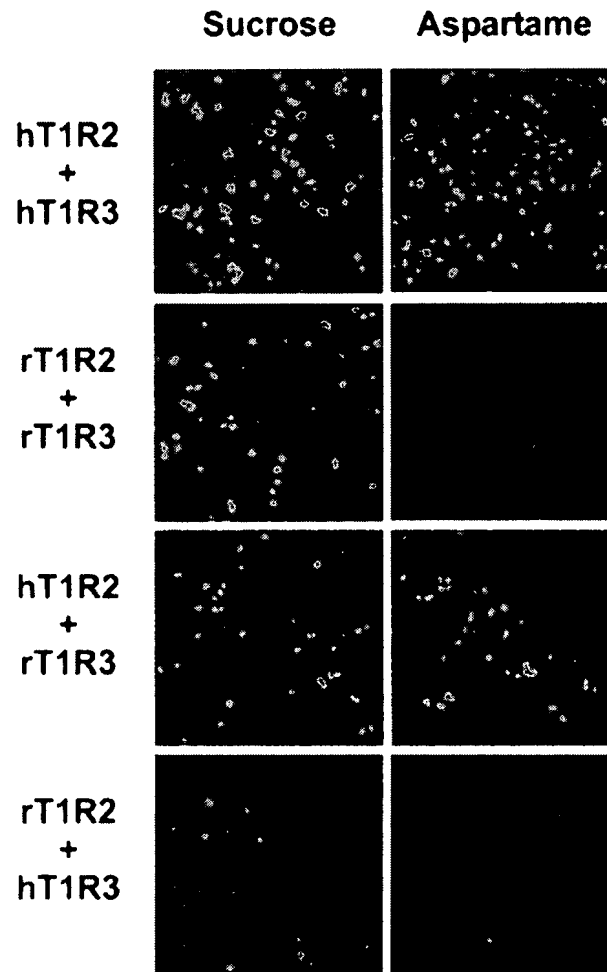


FIG. 4

REPLACEMENT SHEET

NORMALIZED DOSE-RESPONSE CURVE

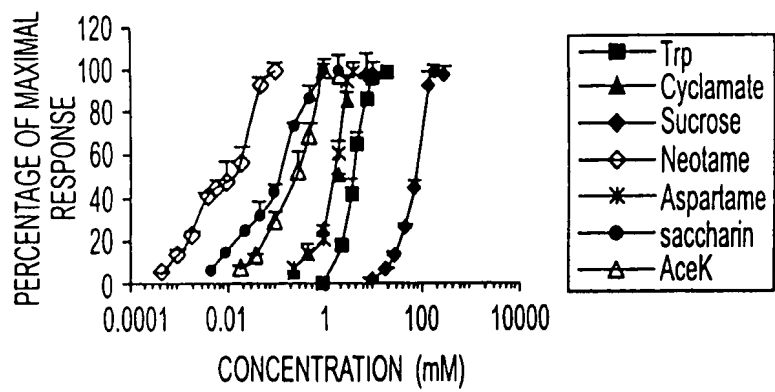


FIG. 6

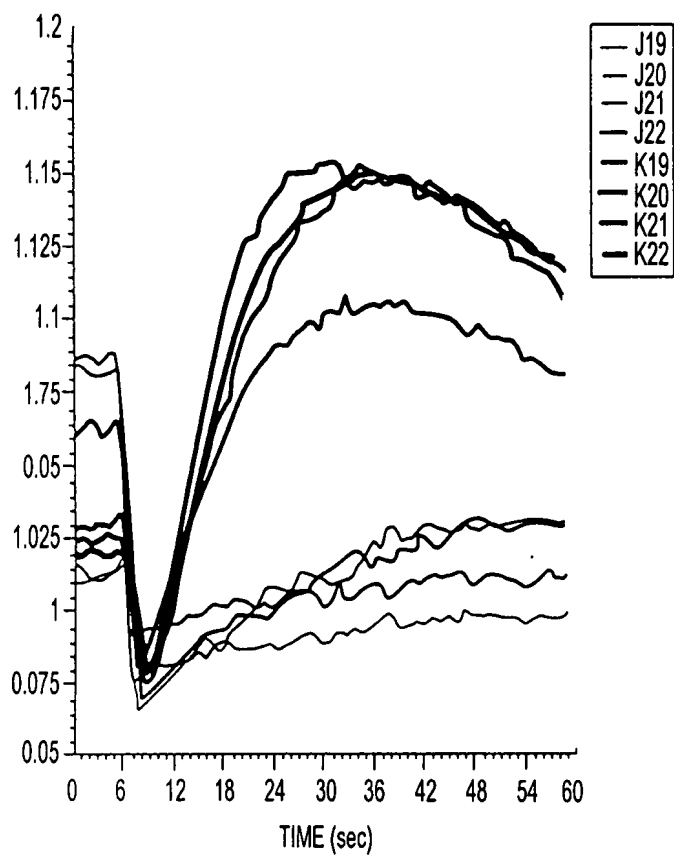


FIG. 5

REPLACEMENT SHEET

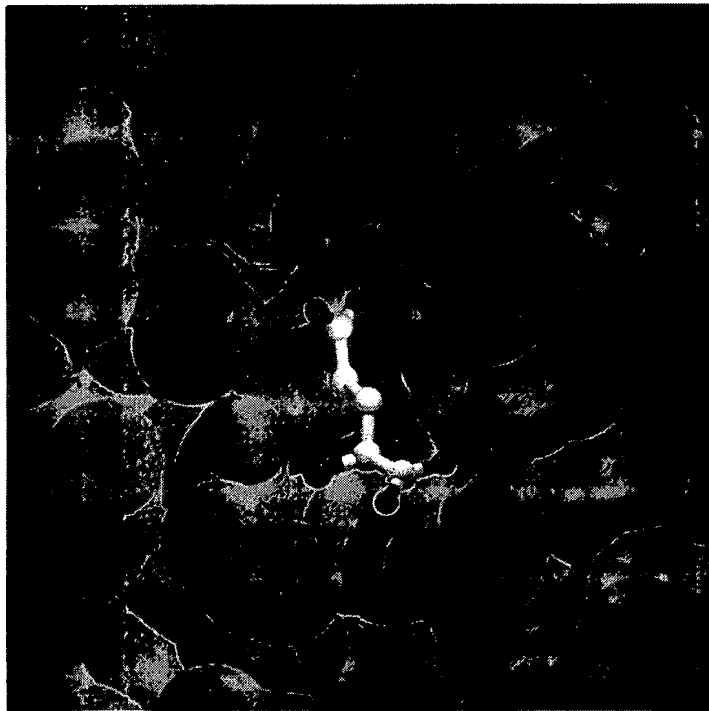
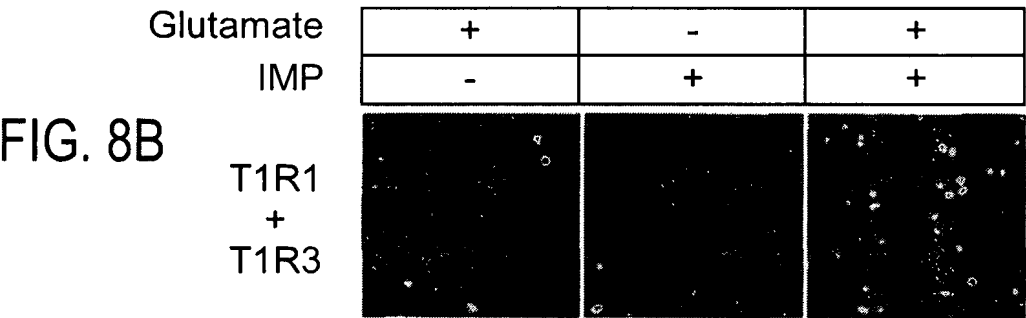
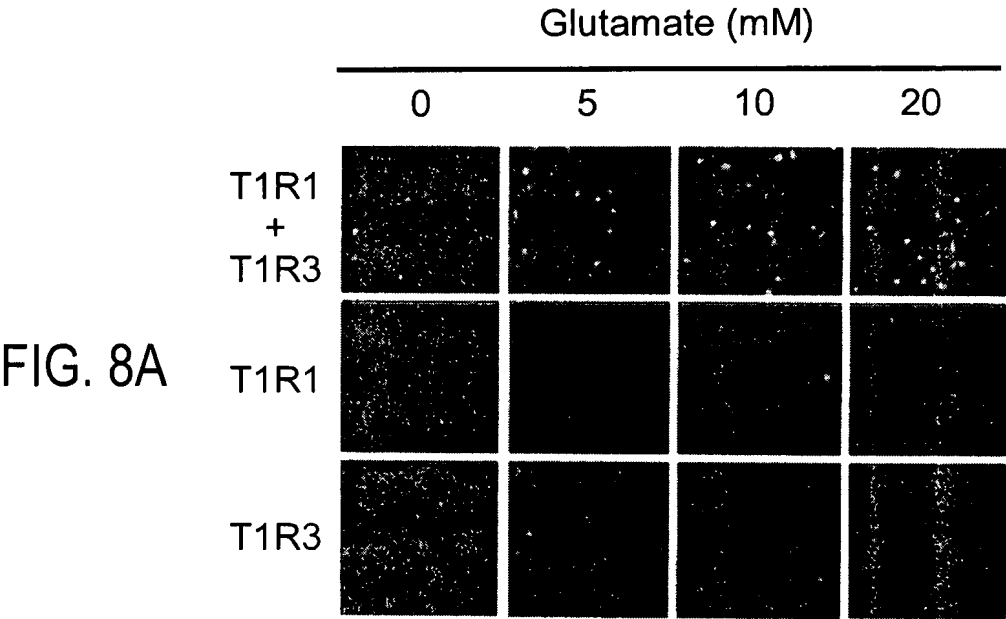


FIG. 7

REPLACEMENT SHEET





# REPLACEMENT SHEET

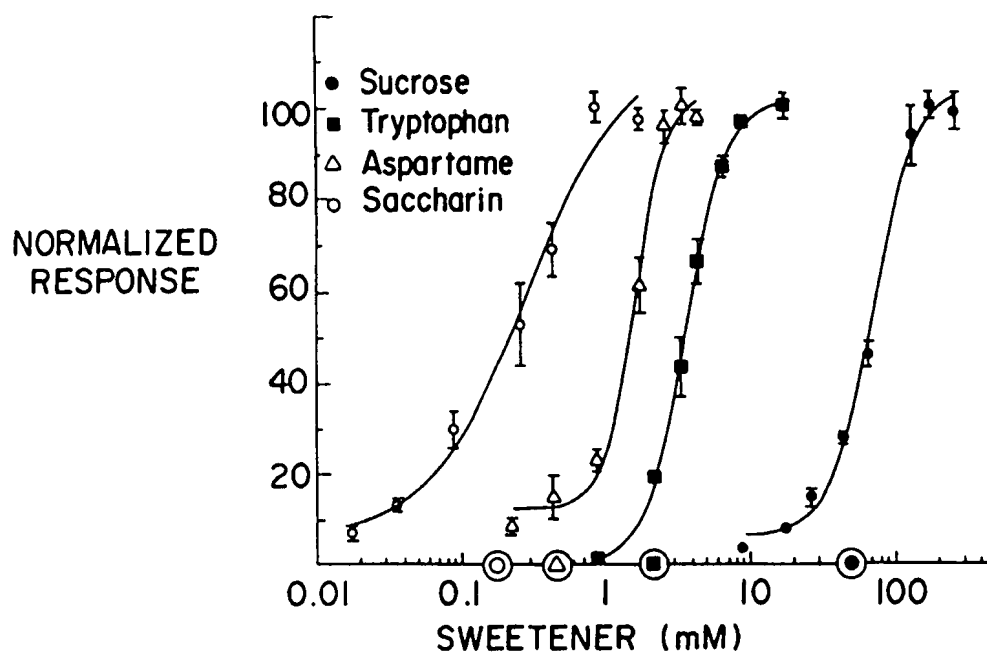


FIG. 3C

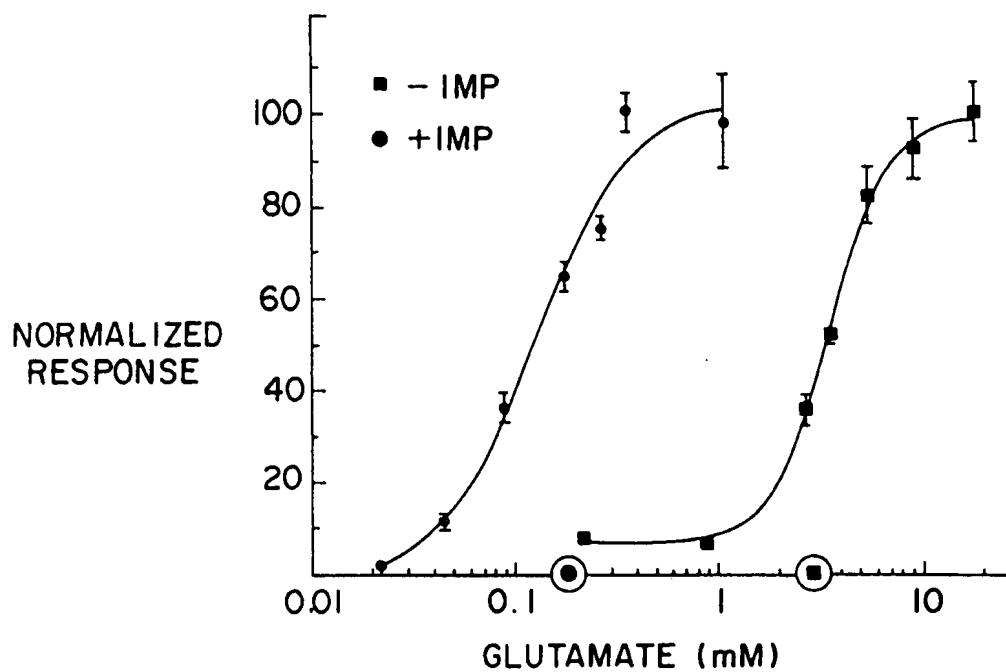
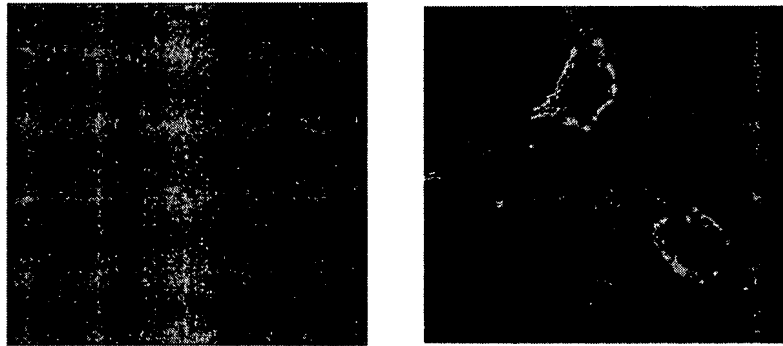


FIG. 8C

REPLACEMENT SHEET



**H2-IT-Myc**

**H2-PDZIP-IT-Myc**

FIG. 9A

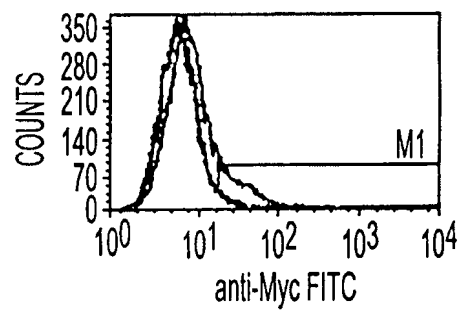


FIG. 9B

REPLACEMENT SHEET

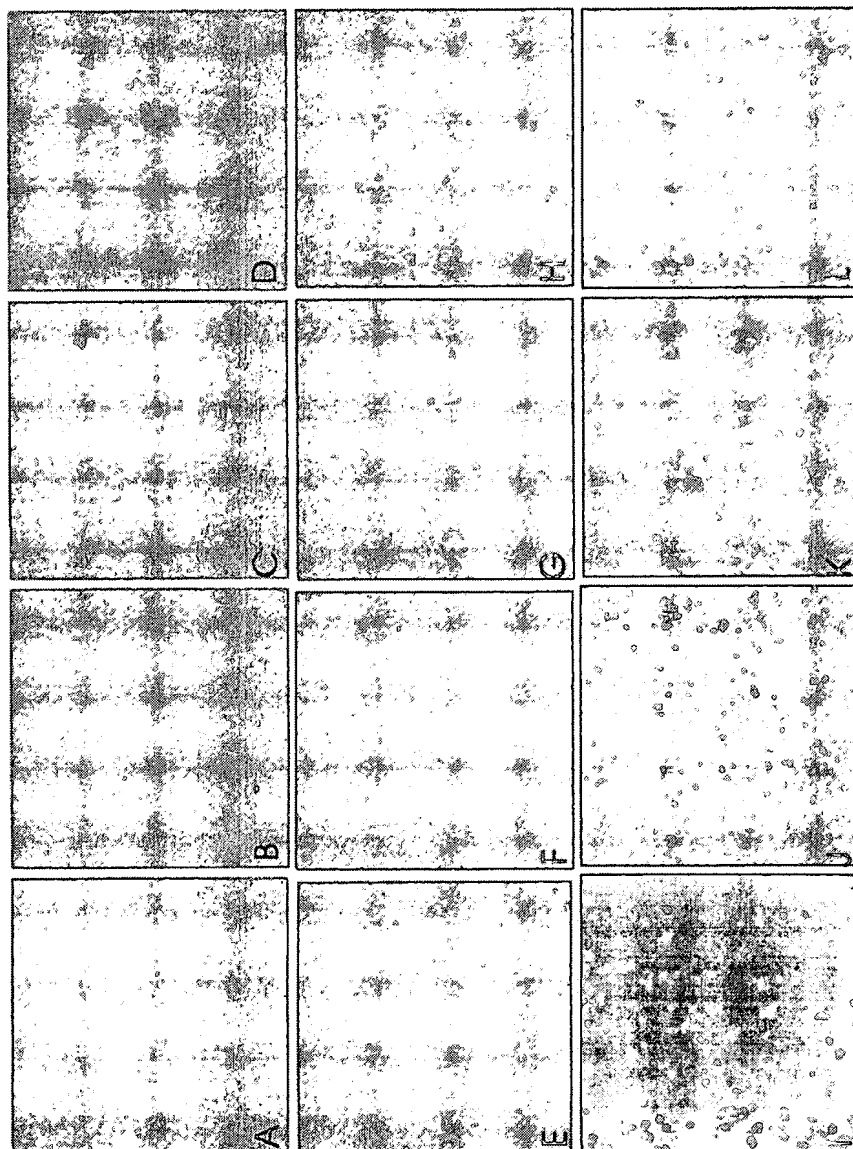


FIG. 10

# REPLACEMENT SHEET

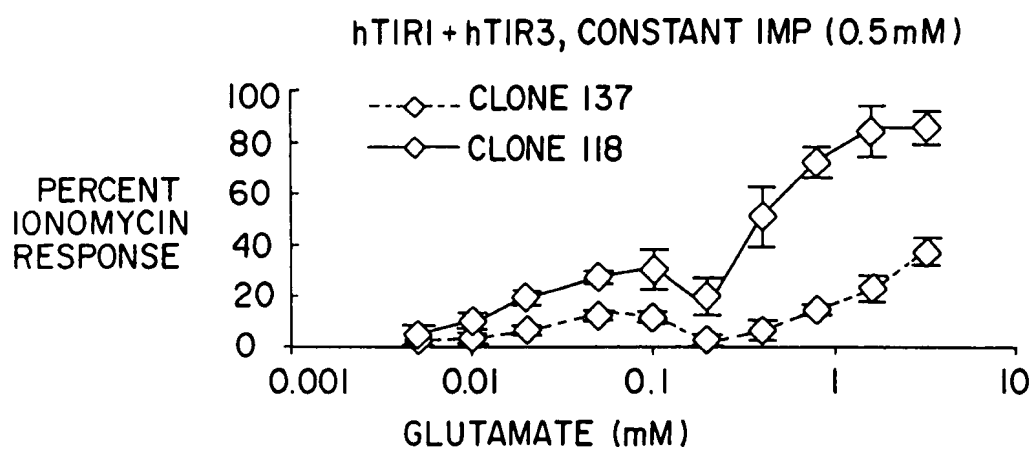


FIG. 11

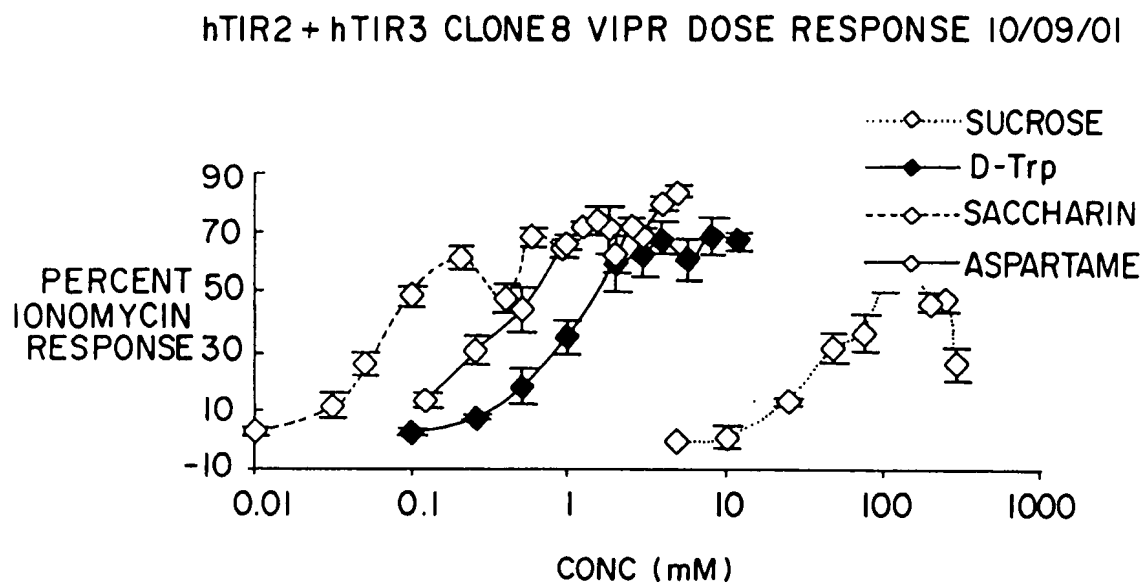


FIG. 12

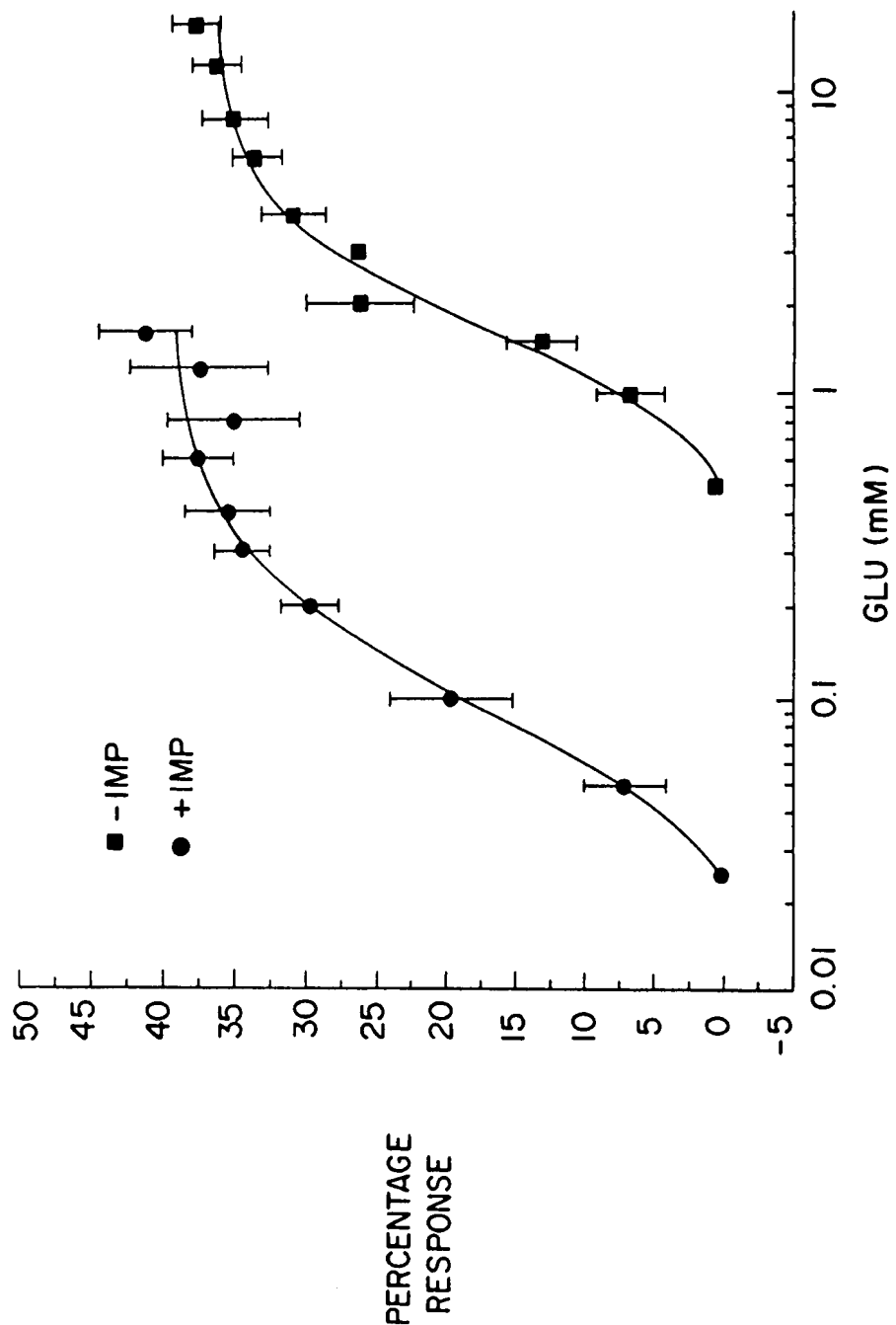


FIG. 13

# REPLACEMENT SHEET

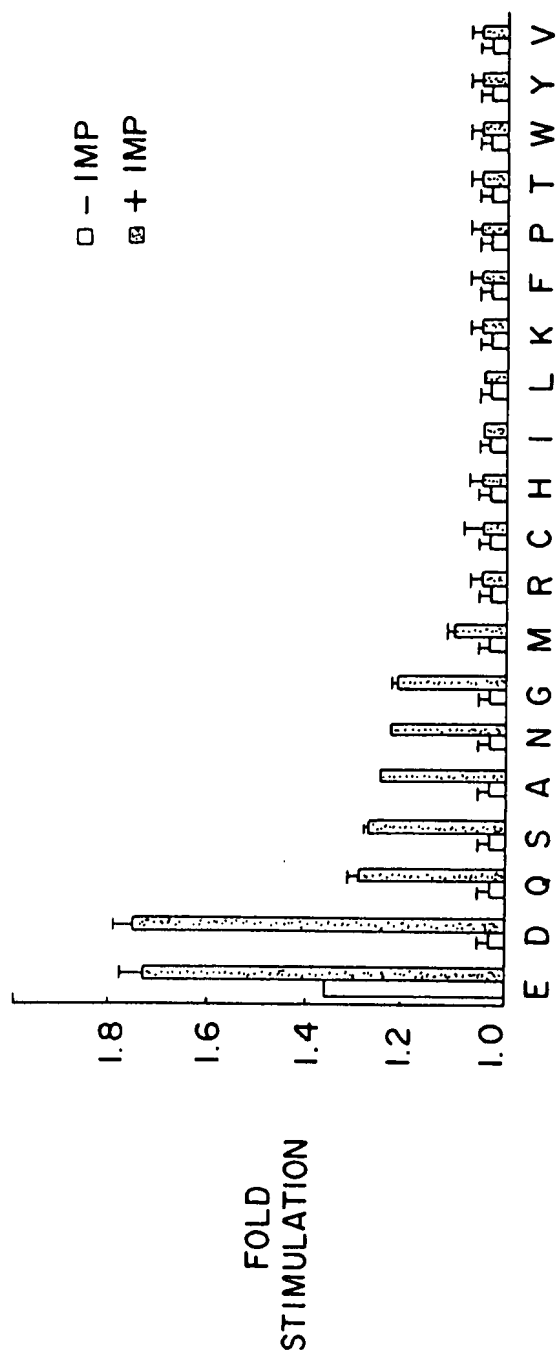


FIG. 14

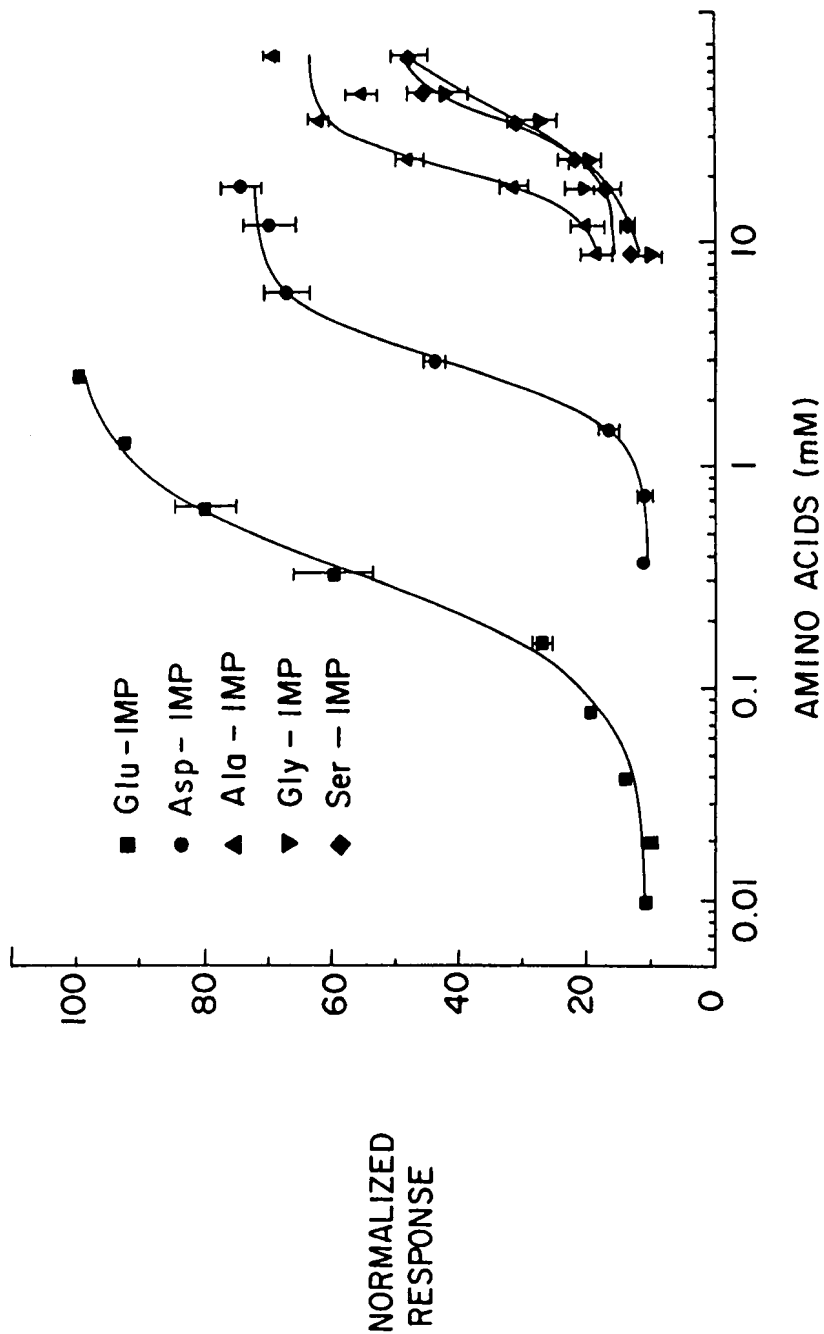


FIG. 15

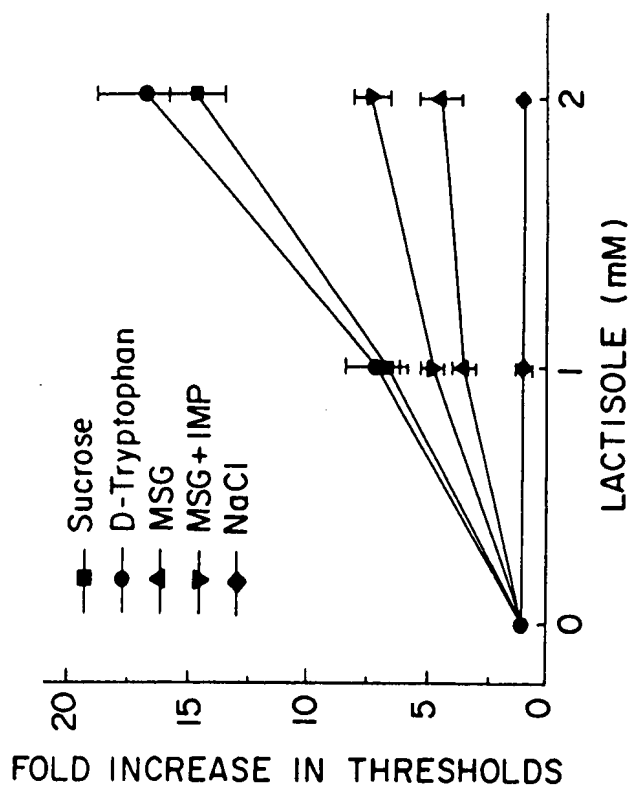


FIG. 16B

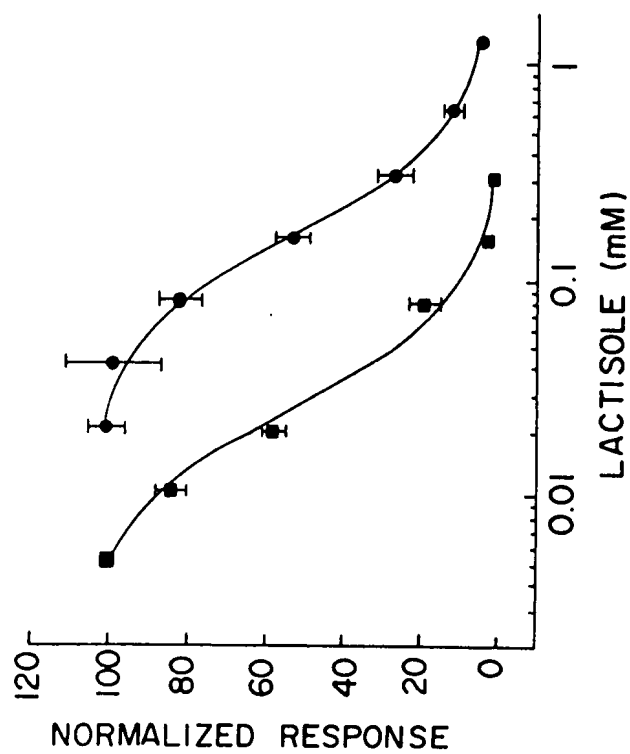


FIG. 16A